



**A09-0039 03-07-03**

*Application Form*

NASA Ames Research Center

Name of facility\*

NASA

Name of parent company (if any)

M/S 218-1

Street address

Street address (continued)

Moffett Field, CA 94035-1000

City/State/Zip code

Give us information about your contact person for the National Environmental Performance Track Program.

Name Mr./Mrs./Ms./Dr. Christel VanArsdale

Title Environmental Protection Specialist

Phone 650-604-1175

Fax 650-604-0680

E-mail cvanarsdale@mail.arc.nasa.gov

Facility/Company Website http://www.arc.nasa.gov/

\* If you are applying for multiple facilities, you must call 1-888-339-PTRK(7875)

***Why do we need this information?***

EPA needs background information on your facility to evaluate your application.

***What do you need to do?***

- ♦ Provide background information on your facility.
- ♦ Identify your environmental requirements.

# Section A

*Tell us about your facility.*

**1** What do you do or make at your facility?

NASA Ames Research Center is a federal facility engaged in scientific research and development in the following fields: aeronautics, aerospace, information technology, astrobiology, space science, earth science, nanotechnology, biotechnology, and human exploration and development of space.

**2** List the North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

NAICS  
92711      \_\_\_\_\_

**3** Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes      ☒ No

**4** How many employees (full-time equivalents) currently work at your facility? If you checked "Yes" in question 3 and have fewer than 50 employees at your facility, then you are considered a "small facility" by the Performance Track Program.

- ☐ Fewer than 50  
☐ 50-99  
☐ 100-499  
☐ 500-1,000  
☒ More than 1,000

**5** Complete the Environmental Requirements Checklist on pages 32-38 of the instructions and enclose it with your application.

## *Section A, continued*

- 6 Optional: Is there anything else you would like to tell us about your facility? Do you participate in other voluntary programs at the local, tribal, State, or Federal level?

NASA Ames Research Center is ISO9001 certified and participates in the Voluntary Protection Program. NASA Ames Research Center participates in the Federal Network for Sustainability (FNS) at [www.federalsustainability.org](http://www.federalsustainability.org).

### Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

### What do you need to do?

- ♦ Confirm that your EMS meets the Performance Track requirements.
- ♦ Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

# Section B

*Tell us about your EMS.*

Read the EMS requirements on page 9-12 of instructions.  
Tell us if your EMS meets these requirements for:

- 1 Environmental policy \_\_\_\_\_ ☒ Yes ☐ No
- 2 Planning \_\_\_\_\_ ☒ Yes ☐ No
- 3 Implementing and operation \_\_\_\_\_ ☒ Yes ☐ No
- 4 Checking and corrective action \_\_\_\_\_ ☒ Yes ☐ No
- 5 Management review \_\_\_\_\_ ☒ Yes ☐ No
- 6 Have you done a comprehensive review of all activities conducted at your facility that could impact the environment? (i.e., have you done an aspect analysis?) ☒ Yes ☐ No
- 7 Have you classified your aspects based on their potential harm to the environment, on community concerns, and/or on other objective factors? (i.e., have you determined your significant aspects?) ☒ Yes ☐ No
- 8 When did you last update your aspect analysis? (mo/yr) 06/02
- 9 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes ☐ No
- 10 Did this cycle include both an EMS and a compliance audit? ☒ Yes ☐ No
- 11 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes ☐ No

If yes, what method of EMS assessment did you use?

Self-assessment

Third-party assessment

☐ GEMI

☐ ISO 14001 Certification

☐ CEMP

☒ Other NASA HQ will complete comprehensive technical and EMS reviews by January 2003.

☒ Other (EPA, CA EPA, and local protocols.)

### ***Why do we need this information?***

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

### ***What do you need to do?***

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

# *Section C*

*Tell us about your past achievements and future commitments.*

**Part 1** You must report past achievements for at least two environmental aspects, and you must choose these aspects from the Environmental Performance Table on pages 29-31 of the instructions. Please quantify each of your aspects using the units listed for that aspect in the Environmental PTrack Information Hotline at 1-888-339-PTRK.

**Note to small facilities:** If you are a small facility, you must report past achievements for only one environmental aspect.

### ***First achievement***

<b>1</b> What aspect have you selected from the Table on page 29-31?	Hazardous Materials Use	
<b>2</b> What units are you using to quantify this aspect? (See Table, page 29-31.)	gallons of pesticide, herbicide and chemical fertilizer applications	
	PAST	CURRENT
<b>3</b> List the past annual quantity of the aspect (from two years ago) and the current annual quantity of the aspect (from the most recent year for which you have data).	4000	50
<b>4</b> What are the years for which you are reporting these quantities?	1998	2001
<b>5</b> Estimate your past normalizing factor (Page 18 of the Instructions will help you calculate this.)	1	1.0
<b>6</b> What is your normalizing factor based on (e.g., production, employment)?	acreage	
<b>7</b> You reported an improvement in the quantity of the aspect in Question 3. How did you achieve this improvement?	Integrated Pest Management and Integrated Vegetation Management including use of goats for vegetation control, traps for pest control and composting for fertilizer.	

## Section C, continued

### Second achievement

1 What aspect have you selected from the Table on page 29-31?	Habitat Impacts	
2 What units are you using to quantify this aspect? (See Table, page 29-31.)	acres	
	PAST	CURRENT
3 List the past annual quantity of the aspect (from two years ago) and the current annual quantity of the aspect (from the most recent year for which you have data).	0	81
4 What are the years for which you are reporting these quantities?	1998	2001
5 Estimate your past normalizing factor (Page 18 of the Instructions will help you calculate this.)	1	1.0
6 What is your normalizing factor based on (e.g., production, employment)?	acreage	
7 You reported an improvement in the quantity of the aspect in Question 3. How did you achieve this improvement?	81 acres of burrowing owl habitat preserved. Development of Moffett Field will not affect this habitat. Negotiated. Species specialists recommended that this habitat be preserved to ensure the sustainability of the burrowing owl species at Moffett Field. After negotiations, management agreed to set aside 81 acres of burrowing owl habitat to help ensure continuation of the species on the property.	

**Part 2** You must make future commitments for at least four environmental aspects, and you must choose these aspects from the Environmental Performance Table on pages 29-31 of the Instructions. The aspects you select for your future commitments should be related to the objectives and targets in your EMS. Where possible, they also should be identified as having a significant environmental impact in your EMS. No more than two of your aspects can be from the same environmental category. If you're not sure how your objectives and targets fit into our aspects or whether your aspects are significant, call the PTrack Information Hotline at 1-888-339-PTRK.

Once you have chosen your four environmental aspects, then fill in all the necessary information for these aspects in the tables on pages 7-10 of this form. Please quantify each of your aspects using the units listed for that aspect in the Environmental Performance Table. Each table that you must fill in corresponds to one of the environmental aspects you have chosen.

We will assume that your performance commitments are based on a constant production or employment level. If you would like to base your commitment on changing production or employment, please fill out optional questions 6a and 6b.

**Note to small facilities:** If you are a small facility, you must report future commitments for only two environmental aspects.

## Section C, continued

### First commitment

<b>1</b> What aspect have you selected from the Table on pages 29-31?	Habitat Impacts	
<b>2</b> What units are you using to quantify this aspect?	Square Feet of Western Pond Turtle Habitat	
<b>3a</b> Is this aspect considered significant in your EMS?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>3b</b> If no, please explain why you believe this aspect should be included as a performance commitment.		
	CURRENT	FUTURE
<b>4</b> List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	0	881230
<b>5</b> What are the years for which you are reporting these quantities?	2002	2005
<b>6a</b> (Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)	1.0	1.0
<b>6b</b> (Optional) What is your normalizing factor based on (e.g., production, employment)?	square feet of optimal habitat	
<b>7</b> You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Western Pond Turtle (habitat) survey including recommendations on management of the species, a management plan. The plan will be the first step to ensuring the species is not disturbed.	
<b>8a</b> Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>8b</b> If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.	The Western Pond Turtle is a California Species of Special Concern. Once environmental management recognized the potential for the species to exist on the property, measures were taken to survey the species, involve the U.S. Fish and Wildlife Service and Cal Fish & Game, and complete a management plan to help ensure preservation of this species and its' habitat. The Environmental Services Office at NASA Ames Research Center is proactive, and reasonable, in its recognition and efforts to preserve species and species habitat on the property.	

## Section C, continued

### Second commitment

<b>1</b> What aspect have you selected from the Table on pages 29-31?	Recycled/Reused Materials Use	
<b>2</b> What units are you using to quantify this aspect?	boxes (10 reams to 1 box)	
<b>3a</b> Is this aspect considered significant in your EMS?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>3b</b> If no, please explain why you believe this aspect should be included as a performance commitment.		
	CURRENT	FUTURE
<b>4</b> List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	100	900
<b>5</b> What are the years for which you are reporting these quantities?	2002	2005
<b>6a</b> (Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)	1.0	1.0
<b>6b</b> (Optional) What is your normalizing factor based on (e.g., production, employment)?	# of persons employed at center	
<b>7</b> You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	<p>NASA Ames Research Center will increase the use of 100% post-consumer recycled chlorine- free paper to be 10% of the total white office paper used at the Center by:</p> <p>1) Working with logistics to ensure the reliable availability of an acceptable product at a reasonable price and,</p> <p>2) Increasing awareness of this product's performance and availability.</p>	
<b>8a</b> Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>8b</b> If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.		



## Section C, continued

### Third commitment

<b>1</b> What aspect have you selected from the Table on pages 29-31?	Total Energy Use	
<b>2</b> What units are you using to quantify this aspect?	Kwh	
<b>3a</b> Is this aspect considered significant in your EMS?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>3b</b> If no, please explain why you believe this aspect should be included as a performance commitment.		
	CURRENT	FUTURE
<b>4</b> List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	45,699,228	37,804,514
<b>5</b> What are the years for which you are reporting these quantities?	2002	2005
<b>6a</b> (Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)	1.0	1.0
<b>6b</b> (Optional) What is your normalizing factor based on (e.g., production, employment)?	# of persons employed at center	
<b>7</b> You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Through Energy Savings Performance Contracts	
<b>8a</b> Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>8b</b> If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.		

## Section C, continued

### Fourth commitment

<b>1</b> What aspect have you selected from the Table on pages 29-31?	Total Water Use (Note: This is Not Total Water Use, but water use for the Industrial Cooling/Boiler.)	
<b>2</b> What units are you using to quantify this aspect?	gallons per year	
<b>3a</b> Is this aspect considered significant in your EMS?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>3b</b> If no, please explain why you believe this aspect should be included as a performance commitment.		
	CURRENT	FUTURE
<b>4</b> List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	39420000	19447200
<b>5</b> What are the years for which you are reporting these quantities?	2002	2005
<b>6a</b> (Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)	1.0	
<b>6b</b> (Optional) What is your normalizing factor based on (e.g., production, employment)?	facility operations	
<b>7</b> You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Through reuse of water rather than sending water to drain to sanitary sewer. Reclaim 50-75% of water and send back to customer.	
<b>8a</b> Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>8b</b> If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.		

### ***Why do we need this information?***

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

### ***What do you need to do?***

- ♦ Describe your approach to public outreach.
- ♦ List three references who are familiar with your facility.

# *Section D*

*Tell us about your public outreach and reporting.*

## ***1*** How do you identify and respond to community concerns?

NASA Ames Research Center routinely proactively recognizes public concerns in regular environmental office activities and takes steps to ensure the public is aware and involved where necessary and appropriate.

For all activities with environmental impacts, including research, development, construction and operations and maintenance activities, a NEPA checklist is required. At this time, the NEPA Manager notices whether the activity will adversely impact the public and to what extent. Actions are taken to notify the public when necessary. These actions include: notices in local newspapers (including foreign language publications as appropriate), production and mailing of fact sheets to impacted public, and signage on the property of NASA Ames Research Center when necessary and appropriate.

NASA Ames Research Center has a public affairs department which works with the Environmental Office staff, including one fulltime public relations professional, to proactively communicate potential community concerns.

NASA Ames Research Center welcomes the input of local public officials and special interest groups on production of fact sheets, signage, and/or notices in newspapers designed to communicate adverse environmental impacts to the community.

If the community comes to the Environmental Office with community concerns, the public relations staff and Environmental Management, if appropriate, answer all concerns promptly and honestly, as appropriate.

Public information, including public affairs materials and relevant regulatory documents, are placed in the local city libraries routinely.

## ***2*** How do you inform community members of important matters that affect them?

Via mailings. Fact sheets are mailed to the public. Notices are placed in local newspapers (including foreign language publications). Public meetings are held as appropriate per the NEPA process.

The mailing list is updated annually and includes 3700 addresses including residents of the two bordering cities, Mountain View and Sunnyvale, City Council members of Mountain View and Sunnyvale, other relevant public

representatives of Mountain View and Sunnyvale, and interest and community groups of the local area.

3 How will you make the Performance Track Annual Performance Report available to the public?

☒ Website  
[www.hq.nasa.gov/office/codej/codeje/je\\_site/ems/about\\_ems.html](http://www.hq.nasa.gov/office/codej/codeje/je_site/ems/about_ems.html)

☐ Newspaper

☐ Open Houses

☒ Other

Place copy of report in local libraries: Mountain View and Sunnyvale.

Produce and mail fact sheet to mailing list.

## Section D, continued

- 4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

- 5 List references below

	Organization	Name	Phone number
<i>Representative of a Community/ Citizen Group</i>	Center for Public Environmental Oversight  278-A Hope Street  Mountain View, CA 94041	Lenny Siegel  Director	650-961-8918  lsiegel@cpeo.org
<i>State/tribal/local regulator</i>	County of Santa Clara  Department of Environmental Health  Hazardous Materials Compliance Division  1555 Berger Drive, Suite 300  San Jose, CA 95112-2716	Mary Ann Baker  Hazardous Materials Specialist	Office (408) 918-3400  Direct line (408) 918-1978
<i>Other community/local reference (e.g., emergency management official or business associate)</i>	Silicon Valley Manufacturing Group	Margaret Bruce  Director, Environmental Programs  mbruce@svmg.org	408-501-7858

# Section E

## Application and Participation Statement.

On behalf of NASA Ames Research Center  
[my facility],

I certify that

I have read and agree to the terms and conditions for Application and Participation in the National Environmental Performance Track, as specified in the *National Environmental Performance Track Program Guide* and in the *Application Instructions*;

- I have personally examined and am familiar with the information contained in this Application, including the Environmental Requirements Checklist. The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS requirements, including systems to maintain compliance with all applicable Federal, State, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all Federal, State, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable Federal, State, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date	_____
Printed Name/Title	<u>Mr./Mrs./Ms./Dr. Mr. Scott Hubbard</u>
Phone Number/E-mail	<u>650-604-5111/shubbard@mail.arc.nasa.gov</u>
Facility Name	<u>NASA Ames Research Center</u>
Facility Street Address	<u>M/S 218-1</u>
City/State/Zip Code	<u>Moffett Field, CA 94035</u>

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail [ptrack@indecon.com](mailto:ptrack@indecon.com).

To submit your application:

- 1) E-mail the completed application to [ptrack@indecon.com](mailto:ptrack@indecon.com),  
**and**
- 2) Fax the completed and signed Section E (**not** the entire application) to  
(617) 354-0463.

If you cannot e-mail the application, mail a hard copy of the entire completed application to:

The Performance Track Information Center  
c/o Industrial Economics Incorporated  
2067 Massachusetts Avenue  
Cambridge, MA 02140

## Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 40 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

## National Environmental Achievement Track

### *Environmental Requirements Checklist*

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

**Facility Name** NASA Ames Research Center  
**Facility Location:** Moffett Field, CA 94035-1000  
**Facility ID Number(s):** Air: BAAQMD #550  
*(attach additional sheets if necessary)* PARWQCP #02101; Sunnyvale IPP issued Aug. 20, 2002;  
The facility number for the Storm Water Report is 2 43S011003.  
This is a new one issued in September 1994 to reflect the combination of Naval Air Station Moffett Field and NASA Ames.  
List of Hazardous Material Facilities and Permit numbers is attached.  
ID # AGT-811 (owner) and a site ID # AGT-2512 for the Aboveground Petroleum Storage Tanks with the State Water Resources Control Board.

#### **Air Pollution Regulations**

- |   | Check All<br>That Apply             |
|---|-------------------------------------|
| 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61) | <input checked="" type="checkbox"/> |
| 2. Permits and Registration of Air Pollution Sources                    | <input checked="" type="checkbox"/> |
| 3. General Emission Standards, Prohibitions and Restrictions            | <input checked="" type="checkbox"/> |
| 4. Control of Incinerators  | <input checked="" type="checkbox"/> |
| 5. Process Industry Emission Standards                                  | <input type="checkbox"/>            |
| 6. Control of Fuel Burning Equipment                                    | <input type="checkbox"/>            |
| 7. Control of VOCs  | <input checked="" type="checkbox"/> |
| 8. Sampling, Testing and Reporting                                      | <input checked="" type="checkbox"/> |
| 9. Visible Emissions Standards  | <input type="checkbox"/>            |
| 10. Control of Fugitive Dust  | <input checked="" type="checkbox"/> |
| 11. Toxic Air Pollutants Control  | <input checked="" type="checkbox"/> |
| 12. Vehicle Emissions Inspections and Testing                           | <input checked="" type="checkbox"/> |

**Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above**  
(identify)



13. State laws and regulations related to air pollution control:  
     California Clean Air Act (CCAA)  
     California Health and Safety Code, Sections 39000 to 44384  
     California Code of Regulations (CCR), Title 17, Public Health  
     CCR, Title 26, Toxics



Rules and Regulations of BAAQMD.

Rules and Regulations of the eight-county-area agency, SJVUAPCD.

NASA policy on use of chlorofluorocarbon (CFC) and halon compounds,  
 June 26, 1990.

14. ID Number: BAAQMD Plant #550



### **Hazardous Waste Management Regulations**

1. Identification and Listing of Hazardous Waste (40 CFR 261)
  - Characteristic Waste ☒
  - Listed Waste ☒
2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
  - Manifesting ☒
  - Pre-transport requirements ☐
  - Record keeping/reporting ☒
3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
  - Transfer facility requirements ☐
  - Manifest system and record-keeping ☒
  - Hazardous waste discharges ☐
4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
  - General facility standards ☒
  - Preparedness and prevention ☒
  - Contingency plan and emergency procedures ☒
  - Manifest system, Record keeping and reporting ☒
  - Groundwater protection ☒
  - Financial requirements ☒
  - Use and management of containers ☒
  - Tanks ☒
  - Waste piles ☐
  - Land treatment ☐
  - Incinerators ☒
5. Interim Status Standards for TSD Owners and Operators (40 CFR 265) ☐
6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267) ☐
7. Administered Permit Program (Part B) (40 CFR 270) ☐

**Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)**

- |   |                                     |
|---|-------------------------------------|
| 8. California Code of Regulations (CCR), Title 22, Parts 66260-66270, Regulation of Hazardous Waste<br>California Health and Safety Code, sections 25100 to 25250, California Hazardous Waste Control Law | <input checked="" type="checkbox"/> |
| 9. Federal EPA ID CA1800005034 and State ID HAAQ36019725  | <input checked="" type="checkbox"/> |

**Hazardous Materials Management**

- |  |                                     |
|--|-------------------------------------|
| 1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153)                               | <input checked="" type="checkbox"/> |
| 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302) | <input checked="" type="checkbox"/> |
| 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)                                 | <input type="checkbox"/>            |
| 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)   | <input checked="" type="checkbox"/> |
| 5. Community Right-to-Know Regulations (40 CFR 350-372)  | <input checked="" type="checkbox"/> |

**Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)**

- |  |                                     |
|--|-------------------------------------|
| 6. State and local laws and regulations related to hazardous material management:<br>California Code of Regulations, Title 19, Office of Emergency Services<br>California Code of Regulations, Title 23, Water<br>California Code of Regulations, Title 26, Toxics<br>California Health and Safety Code, Chapter 6.95<br>Santa Clara County Hazardous Material Storage Ordinance<br>Santa Clara County Toxic Gas Ordinance<br>NASA Policy Directive 8500.1, NASA Environmental Management<br>Environmental Excellence for the Twenty-First Century, NASA Strategy Document.<br>Ames Policy Directive 8800.4, Ames Environmental Programs<br>Uniform Fire Code and National Fire Protection Association Standards | <input checked="" type="checkbox"/> |
|--|-------------------------------------|

- |    |                          |
|----|--------------------------|
| 7. | <input type="checkbox"/> |
|----|--------------------------|

**Solid Waste Management**

- |  |                                     |
|--|-------------------------------------|
| 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257) | <input type="checkbox"/>            |
| 2. Permit Requirements for Solid Waste Disposal Facilities                                   | <input type="checkbox"/>            |
| 3. Installation of Systems of Refuse Disposal  | <input type="checkbox"/>            |
| 4. Solid Waste Storage and Removal Requirements  | <input type="checkbox"/>            |
| 5. Disposal Requirements for Special Wastes  | <input checked="" type="checkbox"/> |

**Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)**

- |  |                          |
|--|--------------------------|
| 6. Title 22 California Code of Regulations Sections 65600-65628, Health & Safety Code, Chapter 6.1<br>Medical Waste Management Act, California Health and Safety Code Section 25015-25099.3<br>Santa Clara County Medical Waste Management Plan Guidelines | <input type="checkbox"/> |
| 7.   | <input type="checkbox"/> |

**Water Pollution Control Requirements**

- |   |                                     |
|---|-------------------------------------|
| 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)                                 | <input checked="" type="checkbox"/> |
| 2. Designation of Hazardous Substances (40 CFR 116)   | <input checked="" type="checkbox"/> |
| 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)                         | <input checked="" type="checkbox"/> |
| 4. NPDES Permit Requirements (40 CFR 122)   | <input checked="" type="checkbox"/> |
| 5. Toxic Pollutant Effluent Standards (40 CFR 129)  | <input type="checkbox"/>            |
| 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)                           | <input checked="" type="checkbox"/> |
| 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)          | <input type="checkbox"/>            |
| 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)        | <input type="checkbox"/>            |
| 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)                  | <input type="checkbox"/>            |
| 10. Water Quality Standards   | <input checked="" type="checkbox"/> |
| 11. Effluent Limitations for Direct Dischargers   | <input type="checkbox"/>            |
| 12. Permit Monitoring/Reporting Requirements  | <input checked="" type="checkbox"/> |
| 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants | <input checked="" type="checkbox"/> |
| 14. Collection, Handling, Processing of Sewage Sludge   | <input type="checkbox"/>            |
| 15. Oil Discharge Containment, Control and Cleanup  | <input checked="" type="checkbox"/> |
| 16. Standards Applicable to Indirect Discharges (Pretreatment)  | <input checked="" type="checkbox"/> |

**Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)**

17. State and local laws and regulations related to storm water management: ☒
- California Oil Pollution Control Act
  - California Porter-Cologne Water Quality Control Act
  - National Pollutant Discharge Elimination System (NPDES)
  - General Permit for Discharges of Storm Water Associated with Industrial Activity in Santa Clara County to South San Francisco Bay or Its Tributaries
  - (General Permit No. CAS000001).

City of Sunnyvale Sewer Use Ordinance, Title 12  
 NASA-Ames Wastewater Discharge Requirements contained in Permit #1132 issued by the City of Sunnyvale Water Pollution Control Plant (WPCP)  
 City of Palo Alto Sewer Use Ordinance, Chapter 16.09  
 NASA-Ames Wastewater Discharge Requirements contained in the Permit issued by the City of Sunnyvale Industrial Pretreatment Program (IPP) on August 20, 2002 (note: the Sunnyvale IPP does not issue permit numbers)  
 City of Palo Alto Sewer Use Ordinance, Chapter 16.09 NASA-Ames Wastewater Discharge Requirements contained in Permit #02101 issued by the City of Palo Alto Regional Water Quality Control Plant (PARWQCP)  
 California Regional Water Quality Control Board (RWQCB), San Francisco Bay Basin Plan  
 California Code of Regulations, Title 23, Waters

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**Drinking Water Regulations**

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| 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146) | <input type="checkbox"/>            |
| 2. National Primary Drinking Water Standards (40 CFR 141)                                  | <input checked="" type="checkbox"/> |
| 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)             | <input type="checkbox"/>            |
| 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources   | <input type="checkbox"/>            |
| 5. Underground Injection Control Requirements  | <input type="checkbox"/>            |
| 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems       | <input type="checkbox"/>            |

**Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)**

7. California Code of Regulations:  
Title 17, Sections 7583-7605, Drinking Water Supplies  
Title 22, Chapter 15, Sections 64400-64501, Domestic Water Quality  
and Monitoring Regulations  
Title 22, Chapter 16, Sections 64551-64644, California Waterworks  
Standards  
Title 22, Chapter 17.5, Sections 64670-64692, Lead and Copper  
California Health and Safety Code:  
Section 4017  
Sections 4049.50 and 4049.51  
Section 13114.7  
Uniform Plumbing Code.

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### **Toxic Substances**

1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704)
2. Import and Export of Chemicals (40 CFR 707)
3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)
4. Chemical Information Rules (40 CFR 712)
5. Health and Safety Data Reporting (40 CFR 716)
6. Pre-Manufacture Notifications (40 CFR 720)
7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)

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### **Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above (identify)**

10. Santa Clara County Toxic Gas Ordinance No. NS-517.44
11. Santa Clara County Hazardous Materials Storage Ordinance

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### **Pesticide Regulations**

1. FIFRA Pesticide Use Classification (40 CFR 162)
2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165)
3. Certification of Pesticide Applications (40 CFR 171)
4. Pesticide Licensing Requirements
5. Labeling of Pesticides
6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
7. Disposal of Pesticide Containers
8. Restricted Use and Prohibited Pesticides

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### **Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)**

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### **Environmental Clean-Up, Restoration, Corrective Action**

1. Comprehensive Environmental Response, Compensation and Liability Act  
(Superfund) (identify)  
Middlefield-Ellis-Whishman Superfund site (M-E-W Study Area)  
Naval Air Station Moffett Field
2. RCRA Corrective Action (identify)

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**Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration,  
Corrective Action Regulations Not Listed Above (identify)**

3. California Health & Safety Code Section 25201
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